

Fig. 1

Base station receives multiple signal components for a moder of terminals for each tound: Determine a number of the storgest signal components displaced is time continues or slow face Fast fade stargest component Trangest compared determention leteristin - goithin - see / 5 abjosithm - see fig 4 Detomine difference is time between stopped component and a reference true If tring differe ousts, intend terms Gust its transcrission tring

Fig 4.

The stongest signal stongth of each of over a predeterminal interest

Determine whether the composed the average signal strengths exceeded by any of the Ales components

strenth excel that of the correctly synchronised conquered to a prelet. threshold

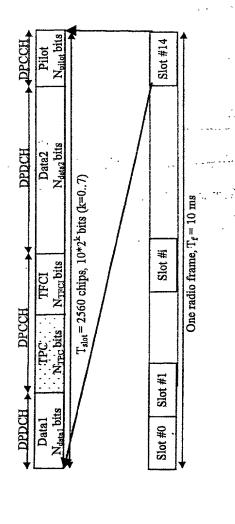
If so, It is the effect is there the these components were than a pre-telement thousand.

(50, assy) the highest are sight compared

Determine average signal strength of the stargest

Determine Indhos the average of the current stargest component is better the combined average of the other components by a predictionized someont.

If so, assign the highest average sign component as the strongest component.



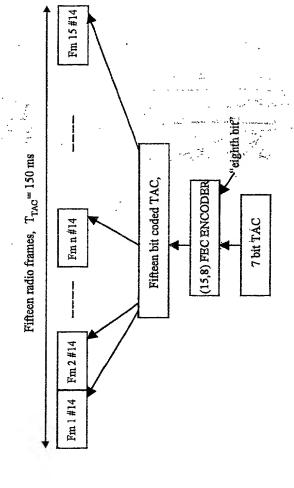


Figure 6b

Figure 6c

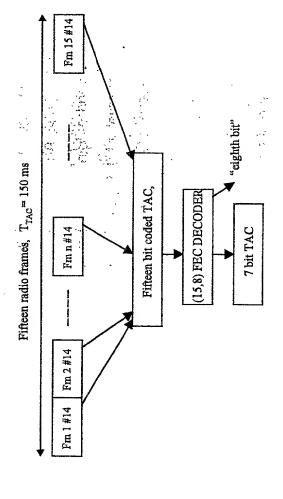
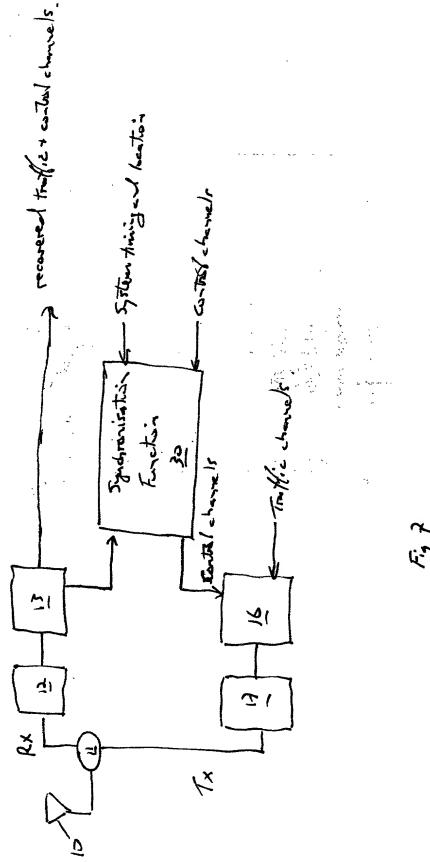


Figure 6d



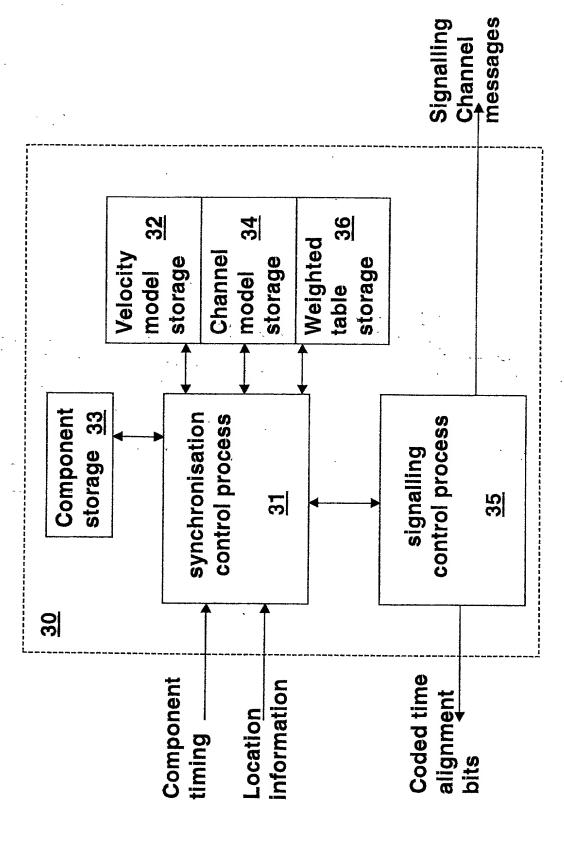


Figure 8

Subscriber terminal receives signals from

5-se station

Determine Transmission Time alignment

Commands.

received commands.

The state of the s

17.1

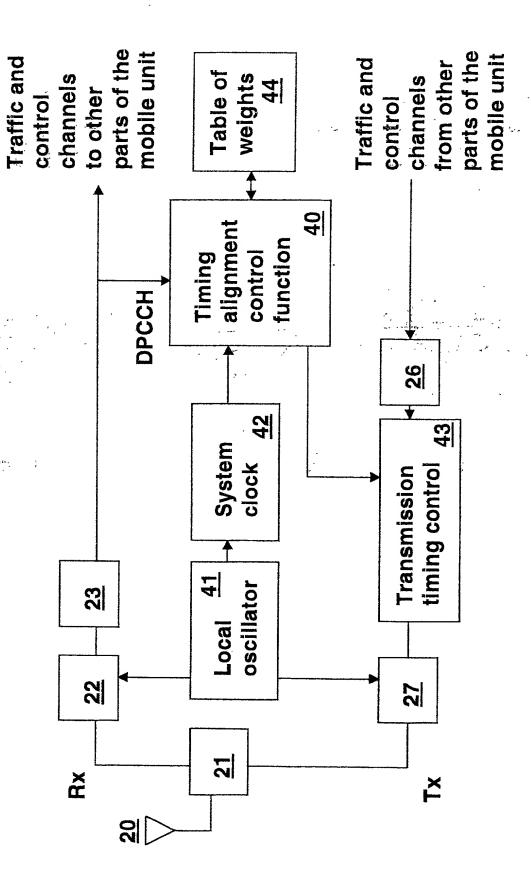


Figure 10

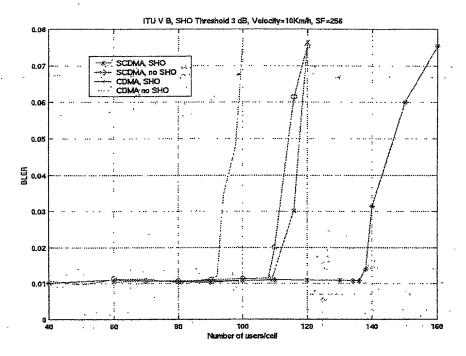


Figure 11a: Channel model: ITU Vehicular Channel B, Velocity 10 Km/h, SHO threshold: 3dB

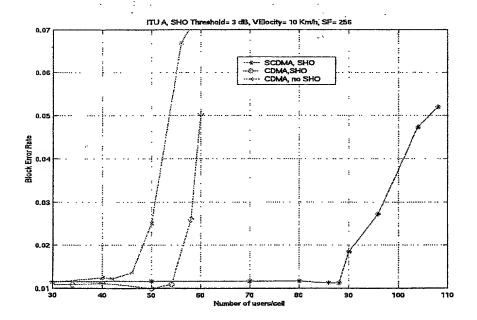


Figure 11b: Channel model: ITU Outdoor-Indoor Ch A, Velocity 10 Km/h